

20031115.qrp v03_n105.qrl.20031115

Date: Sat, 15 Nov 2003 19:03:06 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3105

QRP-L Digest 3105

Topics covered in this issue include:

- 1) [161256] Re: O'scope time? Maybe.
by Mr Mike Caughran <kl7r@yahoo.com>
- 2) [161257] BPL - what more can you do?
by Howard Teller <hteller@comcast.net>
- 3) [161258] Fwd: Sunday (November 16th): HOT-PARTY
by dl6aaf@t-online.de
- 4) [161259] OHR 500-IF filter
by Ed Lawson-K1VP <k1vp@grizzly.com>
- 5) [161260] Re: Extended Double Zepp feed point
by Tim Groat <tcgroat@earthlink.net>
- 6) [161261] Great Buy at RS
by J38AL@aol.com
- 7) [161262] Headlamp
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 8) [161263] Fox - Team Results.
by "rattray" <rattray@accesscomm.ca>
- 9) [161264] Fox - Fox Hunt Team Results.
by "rattray" <rattray@accesscomm.ca>
- 10) [161265] Re: Extended Double Zepp feed point
by "George, W5YR" <w5yr@att.net>
- 11) [161266] OT, pay pal
by "richqrp" <richqrp@cox.net>
- 12) [161267] Alignment info for OHR WM-2 wattmeter
by Steve Ratzlaff <steveratz@eoni.com>
- 13) [161268] 160M antenna
by Steven Weber <kd1jv@moose.ncia.net>
- 14) [161269] Re: Headlamp
by "Dave Ek" <ekdave@earthlink.net>
- 15) [161270] RE: 1000 miles per watt
by "Ron McConnell" <rcmcc@earthlink.net>
- 16) [161271] Re: Searchable QRP-L archives was Re: O'scope info
by "Claton Cadmus" <ka0gkc@arrl.net>
- 17) [161272] Searching QRP-L
by ARDUJENSKI@aol.com
- 18) [161273] Re: Great Alaska Ptarmigan Hunt - This Sunday
by Jim Larsen <JimLarsen2002@alaska.net>
- 19) [161274] Re: Headlamp

- by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 20) [161275] FOX: Thru Hunt 6
by "Tom Palmer" <n1tp@swfla.rr.com>
- 21) [161276] Re: re; NOV QST
by "Bill Rowlett" <kc4atu@hotmail.com>
- 22) [161277] Freeware distance calculator
by "John H. Shannon" <johnshan@alltel.net>
- 23) [161278] Re: Searchable QRP-L archives was Re: O'scope info
by "John J. McDonough" <wb8rcr@arrl.net>
- 24) [161279] Reminder: Sunday Morning SSB/CW QRP Net
by "Ken La Rose" <kenlar@csolve.net>
- 25) [161280] RE: Headlamp
by "AI2Q" <ai2q@adelphia.net>
- 26) [161281] Re: Extended Double Zepp feed point
by "James R. Duffey" <JamesDuffey@comcast.net>
- 27) [161282] Re: Headlamp
by Lee Mairs <lmairs@direcway.com>
- 28) [161283] Re: Headlamp
by "Bob Baxter" <rbaxter@cybertrails.com>
- 29) [161284] Fw: 160M antenna
by "Walt Amos" <waltk8cvamos@aaaahawk.com>
- 30) [161285] Re: Headlamp
by "Cal Cotner" <cal.jsi@verizon.net>
- 31) [161286] WM-2 cal info received!
by Steve Ratzlaff <steveratz@eoni.com>
- 32) [161287] headlamp
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 33) [161288] Re: swr,watt meter for qrp
by "John" <digi2@earthlink.net>
- 34) [161289] Re: Headlamp
by "tmyers" <tmyers@academicplanet.com>
- 35) [161290] Re: PayPal Notification
by "laura halliday" <marsgal42@hotmail.com>
- 36) [161291] Rest Of The Story: OHR 500 IF Filter
by "Jerry Bartachek" <KD0CA@praisescrbe.com>
- 37) [161292] new Elecraft products page
by Wayne Burdick <n6kr@elecraft.com>
- 38) [161293] Re: 160M antenna
by "Bob Schreibmaier" <k3ph@ptd.net>
- 39) [161294] Re: Great Alaska Ptarmigan Hunt - This Sunday
by Bob Nielsen <nielsen@oz.net>
- 40) [161295] FW: Fox - Fox Hunt Team Results.
by "rattray" <rattray@accesscomm.ca>
- 41) [161296] BNCs located
by Michael Goins <mgoins@usa.net>
- 42) [161297] FW: Fox - Fox Hunt Team Results.
by "rattray" <rattray@accesscomm.ca>
- 43) [161298] Breadboard Template Available

by Ed Tanton <n4xy@earthlink.net>
44) [161299] Headlamps
by Steven Weber <kd1jv@moose.ncia.net>
45) [161300] Re: Great Alaska Ptarmigan Hunt - This Sunday
by "Armin Hachmer" <armin@muskoka.com>
46) [161301] 2004 QRP Contest Calendar is now on Sale!
by "Ron Polityka" <wb3aal@verizon.net>
47) [161302] Way OT : Operation AC
by "Lawrence Makoski" <Makos327@worldnet.att.net>
48) [161303] DSW-20 now doing RTTY...
by <bill@n4qa.com>
49) [161304] Re: swr,watt meter for qrp
by Steven Weber <kd1jv@moose.ncia.net>

Date: Fri, 14 Nov 2003 15:41:03 -0800 (PST)
From: Mr Mike Caughran <kl7r@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [161256] Re: O'scope time? Maybe.
Message-ID: <20031114234103.14239.qmail@web40408.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

These kits look pretty interesting:
<http://www.bitscope.com/>

Do you Yahoo!?
Protect your identity with Yahoo! Mail AddressGuard
<http://antispam.yahoo.com/whatsnewfree>

Date: Fri, 14 Nov 2003 19:20:12 -0500
From: Howard Teller <hteller@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [161257] BPL - what more can you do?
Message-ID: <3FB5713C.2B25CAF3@comcast.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

A couple of weeks ago, I sent an email to my Senator from South Carolina, Lindsey Graham, explaining the interference problems in sending BPL at HF over unshielded power lines and and possible relaxation of the Part 15-C regulations. Today I

received a WRITTEN response as below. I was pleased to find out that Senator Graham was at least very aware of the issue and was willing to remember the concerns I expressed. If you want to do more than filing a comment, perhaps you can consider writing to your Congressional Senator or Representative. It may make a difference...

Here is what Senator Graham wrote:

"Dear Howard:

Thank you for taking the time to contact me with your concerns regarding Broadband over Power Line (BPL). I appreciate the opportunity to hear from you on this issue.

As you know, BPL is designed to provide consumers with access to broadband services from any room in the house by plugging a BPL device into an existing electrical outlet. This service would allow individuals access to broadband without adding additional connections.

As part of its ongoing effort to to promote spectrum flexibility and access to broadband services for all Americans, and to encourage multiple platforms for broadband, especially new facilities-based platforms, the Federal Communications Commission (FCC) issued a Notice of Inquiry seeking public comment on using existing electrical power lines to provide Internet and broadband services to homes and offices.

I recognize your concerns regarding BPL technology. Since the comment period of FCC Docket 03-104 is still open, I encourage you to contact the FCC directly at 1-888-CALL-FCC to express your concerns. I will also keep your thoughts in mind if legislation affecting the FCC's decision is considered by the United States Senate.

Again, I appreciate hearing from you. Please do not hesitate to contact me if I may be of further assistance to you or to your family.

Sincerely,

Lindsey O. Graham
United States Senator"

The second and third paragraphs provide some insight into how the advantages of BPL have been explained to the Senator.

Thanks for the bandwidth...

73, Skip (Howard) KH6TY

Date: Sat, 15 Nov 2003 01:50:17 +0100 (CET)
From: dl6aaf@t-online.de
To: qrp-l@lehigh.edu
Subject: [161258] Fwd: Sunday (November 16th): HOT-PARTY
Message-ID: <200311150050.hAF0oJi01118@joringel.privnet.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU (Hartmut)
To: OQRPWW @ DB0ABZ.#NDS.DEU.EU
X-Info: Einspielung ohne Passwortschutz

13-15 UTC 40m; 15-17 UTC 80m

Rules & summary-/logsheet have been uploaded here in packet radio
some days ago.

hpe cu!?

73/2 "Hal", DJ7ST

Date: Fri, 14 Nov 2003 20:26:09 -0500
From: Ed Lawson-K1VP <k1vp@grizzly.com>
To: qrp-l@lehigh.edu
Subject: [161259] OHR 500-IF filter
Message-ID: <20031114202609.450f2f72.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I just did a quick check with my OHR 500 and a signal becomes inaudible around
500HZ from center of signal on both sides give or take 100Hz. Based upon that, I
would have to say the OHR 500 in question is not operating within spec for some
reason.

Ed Lawson
K1VP

Date: Fri, 14 Nov 2003 18:47:02 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [161260] Re: Extended Double Zepp feed point

Message-ID: <5.1.1.6.2.20031114183056.00a18310@mail.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

End feeding doesn't produce the same pattern as center feeding, unless you put a phase reversal in the middle (such as that hair-pin in the middle of Cushcraft's "Ringo Ranger"). An end-fed 5/4 wave has multiple lobes at acute angles to the wire, not the strong broadside lobes of the EDZ. It still would be a useful antenna, but it won't have the same pattern and gain the EDZ provides.

72,

--Tim (KR0U)

>"George, W5YR" <w5yr@att.net>:

>Center feeding is usually preferred for the EDZ although I suppose it could
>be end fed. I use two EDZs cut for 20 meters and fed with ladderline. They
>work very well on 80 - 10 meters.

Date: Fri, 14 Nov 2003 21:10:02 EST

From: J38AL@aol.com

To: qrp-l@lehigh.edu

Subject: [161261] Great Buy at RS

Message-ID: <2b.4af67635.2ce6e4fa@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

If you build or repair antennas then this is a great buy. Cat # 21-950, mobile CB ant mount. Includes chrome plated brass adapter with 1/4 x 20 threads in one end and 3/8 x 24 threads in the other, two plastic insulators, two star washers, two eyelets, and one 1/4 screw. Close-Out price is a whole penny. That's right - one cent. The first store I was in had only one and they gave it to me for less than that...free. Check your local stores.

72/73, Al N2ZHS

Scotia, NY

Date: Fri, 14 Nov 2003 21:15:51 -0500

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>

To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU

Subject: [161262] Headlamp
Message-ID: <3FB54607.31167.504473@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

If anyone is interested in a headlamp for spot lighting, REI is closing out Black Diamond 2002 Moonlight headlamps for \$17.95, This headlamp has four high intensity LED's and is powered by 3 AAA cells. Mike Boatright introduced me to this at the NOGA meeting last May. I bought one for myself at the list price of \$29.95. It is worth every penny. I use it for working on projects (I can now put light exactly where I am soldering), cleaning out the pool filters after dark, working on the car etc. It is wonderful. It looks weird but it does an outstanding job. I'm trying to find an excuse to buy a second unit. The REI stock number is 707-051.

Henry

Date: Fri, 14 Nov 2003 20:31:40 -0600
From: "rattray" <rattray@accesscomm.ca>
To: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161263] Fox - Team Results.
Message-ID: <000001c3ab20\$9d44c9a0\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hunt #1 - W0UFO -

QRP Cheeseheads - 4	Cajun Thunder - 5	The Underdogs - 5
Jerry - N9AW *	Wayne - K5EOA *	Dan - N4ROA *
Rick - NK9G *	Wayne - N5YFC * Clean	Dennis - N4DD *
Clean		
Gary - W9XT *	Vern - AA50 * Sweep	Bob - KB2FEL *
Sweep		
Lon - W9XU	Jim - N5IB *	Dave - W0CH *
Jim - WA9TZE *	Chris -KD5UDB *	Ron - KI0II *

Team Air Pork - 3 Raiders ofthe Lost RF - 1 NE-TX Tornados - 4

Wayne - K9DI	Rob - VE6JAZ	Bill - K5JHP *
Mike - KD5KXF *	Craig - VE4WI	Don - K5DW
Dave - AG4PJ *	Fred - VE3FAL	Doc - W5TB *
Randy - W9HL	Earl - VA6RF *	Lew - N5ZE *
Jerry - N0JRN *	Bruce - VE5RC	George - W5YR *

...please e-mail me any corrections, additions, direct...tnx...

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Fri, 14 Nov 2003 20:54:52 -0600
From: "ratray" <ratray@accesscomm.ca>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "QRP-C" <qrp-canada@neale.gpfn.sk.ca>
Subject: [161264] Fox - Fox Hunt Team Results.
Message-ID: <000601c3ab23\$dab92e40\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hunt #1 - W0UFO -

QRP Cheeseheads - 4

Cajun Thunder - 5

Jerry - N9AW *

Wayne - K5EOA *

Rick - NK9G *	Wayne - N5YFC * Clean
Gary - W9XT *	Vern - AA50 * Sweep
Lon - W9XU	Jim - N5IB *
Jim - WA9TZE *	Chris - KD5UDB *

The Underdogs - 5	Team Air Pork - 3
-------------------	-------------------

Dan - N4ROA *	Wayne - K9DI
Dennis - N4DD * Clean	Mike - KD5KXF *
Bob - KB2FEL * Sweep	Dave - AG4PJ *
Dave - W0CH *	Randy - W9HL
Ron - KI0II *	Jerry - N0JRN *

Raiders of the Lost RF - 1	The NE-TX Tornados - 4
----------------------------	------------------------

Rob - VE6JAZ	Bill - K5JHP *
Craig - VE4WI	Don - K5DW
Fred - VE3FAL	Doc - W5TB *
Earl - VA6RF *	Lew - N5ZE *
Bruce - VE5RC	George - W5YR *

...please e-mail me direct with corrections, changes...tnx....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Fri, 14 Nov 2003 21:08:50 -0600

From: "George, W5YR" <w5yr@att.net>
To: <tcgroat@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161265] Re: Extended Double Zepp feed point
Message-ID: <036d01c3ab25\$cb964b30\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Right you are, Tim. That is why I said "although I suppose it could be end fed" - I did not recommend it and still don't.

Haven't thought of a Ringo Ranger in years! <:}

But your point is well taken. I doubt that I led anyone astray, however. I can't recall ever seeing an end-fed EDZ . . .

Thanks for that pelt last Tuesday. Your "TC" really threw me at first! You had a very decent signal into North Texas, but Jeff was vapor 98% of the time.

George

----- Original Message -----

From: "Tim Groat" <tcgroat@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, November 14, 2003 7:47 PM
Subject: Re: Extended Double Zepp feed point

> End feeding doesn't produce the same pattern as center feeding, unless you
> put a phase reversal in the middle (such as that hair-pin in the middle of
> Cushcraft's "Ringo Ranger"). An end-fed 5/4 wave has multiple lobes at
> acute angles to the wire, not the strong broadside lobes of the EDZ. It
> still would be a useful antenna, but it won't have the same pattern and
> gain the EDZ provides.

>

> 72,

> --Tim (KR0U)

>

> >"George, W5YR" <w5yr@att.net>:

>

> >Center feeding is usually preferred for the EDZ although I suppose it
could

> >be end fed. I use two EDZs cut for 20 meters and fed with ladderline.
They

> >work very well on 80 - 10 meters.

>
>

Date: Fri, 14 Nov 2003 19:57:33 -0800
From: "richqrp" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [161266] OT, pay pal
Message-ID: <000d01c3ab2c\$9982c220\$c1770744@wd6fddstssz5sg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I dont know if this has been listed yet.... 73's, Rich

W32/Mimail.i@MM

W32/Mimail.i@MM is a Medium Risk mass-mailing worm that attempts to steal credit card information by posing as a fake message from PayPal. The fake message claims that a PayPal account is going to expire unless the user runs the attached application and provides credit card information. Using its own SMTP engine, the worm then attempts to email this stolen information to four email addresses hard-coded in the worm (access to these addresses is currently being blocked). The worm spreads by sending itself to email addresses collected from the local machine.

Date: Fri, 14 Nov 2003 21:40:02 -0800
From: Steve Ratzlaff <steveratz@eoni.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [161267] Alignment info for OHR WM-2 wattmeter
Message-ID: <3FB5BC32.DC514499@eoni.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just got a used WM-2 wattmeter, minus the manual. It was not working, but I found a cold solder joint; the unit now appears to work but needs calibration.

Would someone who owns a WM-2 please tell me the alignment info. I understand there's a builtin voltage source that is used to adjust the pots on each scale for the proper meter reading, to substitute for a calibrated RF source. I've traced the circuit out and have made a circuit diagram, but it's not obvious to me what dc voltage would correspond to what power for each meter scale.

OHR's webpage says I can buy the manual for \$10, but I don't need a manual, I just need the calibration info, if I can obtain it. I've got a signal generator with calibrated 200mW maximum output--I can adjust the lowest scale to read more or less accurately, but the two higher scales interact with the lowest scale, and I don't have an RF source with higher accurate known power to calibrate them. And it appears the highest scale (10W) needs to be adjusted first, then the next scale, with the lowest power scale last.

Thanks to anyone who is willing to take the time to look in their WM-2 manual and give me that cal info.

Steve AA7U

Date: Sat, 15 Nov 2003 00:58:47 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [161268] 160M antenna
Message-ID: <3.0.6.32.20031115005847.007a6a80@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have an old 1946 antenna handbook and it recommends using a vertical on 160, as Karl suggested. But since few of us can erect a 130 foot tower, or even afford one, a good second best is a 1/4 wave inverted "L".

Make the vertical section as long as practical, as this bottom section is where most of radiation comes from. Also, be aware there is a null in the direction the top section runs. It needs to be feed with a series L/C circuit and have a decent ground system. You can convert to a parallel tuned circuit to use it on 80 as a 1/2 wave.

I threw up a make shift inverted L for the 160M contest last fall/winter and did reasonably well with 30 watts SSB. It was too bad my null was to the SW, as that was a direction which would have netted a few more stations. It was a good thing those 160 contest stations have good ears too :-)

72,
Steve, KD1JV

"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Fri, 14 Nov 2003 22:51:08 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [161269] Re: Headlamp
Message-ID: <004b01c3ab3c\$782b7fd0\$6801a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I have one of these, too. I recommend it. Bright, and lots of hours on a set of batteries.

73 de Dave NK0E

Henry wrote:

If anyone is interested in a headlamp for spot lighting, REI is closing out Black Diamond 2002 Moonlight headlamps for \$17.95, This headlamp has four high intensity LED's and is powered by 3 AAA cells. Mike Boatright introduced me to this at the NOGA meeting last May. I bought one for myself at the list price of \$29.95. It is worth every penny. I use it for working on projects (I can now put light exactly where I am soldering), cleaning out the pool filters after dark, working on the car etc. It is wonderful. It looks weird but it does an outstanding job. I'm trying to find an excuse to buy a second unit. The REI stock number is 707-051.

Date: Fri, 14 Nov 2003 23:02:49 -0500
From: "Ron McConnell" <rcmcc@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "W2IOL" <w2iol@arrl.net>, "Pete N9SSA Hoffswell" <n9ssa@arrl.net>, <pschweit@mninter.net>, <maxmoon@umn.edu>, <johnshan@alltel.net>
Subject: [161270] RE: 1000 miles per watt
Message-ID: <002501c3ab2d\$5662cf20\$86ef2841@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi, Rob,

You already have some good responses to your request about the ($\geq 3D1000$) Miles per Watt award calculations from Max and John.

Just one more:

You can also use my freeware, lat/long/grid-locator, distance and bearing (true and magnetic), Miles/Watt, MaxiMUF, DX database... program GCGC which uses an ellipsoidal earth model with WGS-84 as the default.

Just give it Lat1/Long1 and Lat2/Long2 (nearly free format), or with less accuracy due to the nature of grid locators, grid1 instead of lat1/long1,=20 and/or grid2 instead of lat2/long2 See the link below.

The best online tutorial on distance and bearing calculations, with worked examples, is Ed Williams's Aviation Formulary.

<http://williams.best.vwh.net/avform.html>

I thought Pete N9SSA had already added the bearing calculation. Gotta drop the boy a note. :)

Have fun.

Cheers, 73,

Ron McConnell
w2iol@arrl.net

N 40=BA 46' 57.9" W 74=BA 41' 21.9"=20
FN20ps77GU46 [FN20ps77GV75]
Magnetic Variation =3D 13.0=BA W in October 2003

* GCGC executable and source at

<http://home.earthlink.net/~rcmcc>

There are 10 kinds of people:
those who understand binary arithmetic
and those who don't.

Date: Sat, 15 Nov 2003 00:19:46 -0600
From: "Claton Cadmus" <ka0gkc@arrl.net>
To: George Fremin III <geoiiii@kkn.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161271] Re: Searchable QRP-L archives was Re: O'scope info
Message-ID: <3FB57122.25075.1E3A684@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hooray! Thank you George! Good job!

73 de Cla KA0GKC

> A few months ago I was
> looking for some searchable QRP-L archives and since
> they did not seem to exist I created them from all of the
> old archived list messages.
>
> You can find them here:
>
> <http://www.kkn.net/archives/html/QRP-L/>
Claton Cadmus
Application Technologies, Inc.
Phone (952)926-8886
Fax (952) 926- 8545
E-mail cla@mcg.net
<http://www.mcg.net/applitech/>

Date: Sat, 15 Nov 2003 01:36:34 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [161272] Searching QRP-L
Message-ID: <170.2655ad22.2ce72372@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

You folks may want to also check out ASP SEEK at
<http://qrp.kd4ab.org/cgi-bin/s.cgi>

for archived material searches. Also a wider net is cast if you go to GOOGLE and click on GROUPS and do a search and it will search several lists.

There is also a good limited archive grouped by topics at
<http://www.qsl.net/wd8rif/radio.htm>

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Fri, 14 Nov 2003 23:58:29 -0900
From: Jim Larsen <JimLarsen2002@alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>,
pQRP - Pacific NW QRP List <pQRP@yahooogroups.com>,
Subject: [161273] Re: Great Alaska Ptarmigan Hunt - This Sunday
Message-ID: <3FB5EAB5.1080304@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 8bit

AL1G, Coliss, has joined the GAP list. She has the .035 slot. That makes 14 Great Alaska Ptarmigan on QRP this Sunday...a record number on the air.

73, Jim, AL7FS

The Great Alaska Ptarmigan (GAP) Hunt

Greetings from Alaska. Here are the Great Alaska Ptarmigan (GAP) and their assigned frequencies. Let's have fun with this hunt and thanks for trying to work Alaska. This is an absolute "First" for Alaska QRPers. Never in history have so many Alaska hams operated QRP at the same time.

Notes:

GAP hunters should call "Up 1 KHz".

If 20 meters is dead dead, then check for GAPs on 15 meter frequencies.

We have one Great Alaska Ptarmigan who has volunteered to be there for the slower operators. Check for KL0XK on 15 and 40 meters although if those bands are both dead for him, he has an assigned 20 meter spot.

Operate from 0000z-0200z 17 November (3-5PM AST Sunday).

GAPs will call "CQ GAP", etc.

Exchange is RST/SPC/PwrOut e.g., 559 AK 5w (Same as Spartan Sprint)

Here are the Great Alaska Ptarmigan:

KL7R Mike Juneau
AL70K John Anchorage S
AL7FS Jim Anchorage S
KL7IKV Lynn Anchorage S
KL7CC Jim Anchorage NE
KL7GN Gordon Anchorage Mid
WL7CDC Doug Anchorage Mid
KL7PB Rich Sterling
KL WN John Kodiak
AL7N Ed Fairbanks
KY7J Ken Emmonak - way out west on the Bearing Sea
KL7Z Randy Anchorage NE
KL0XK Don Elmendorf AFB 40/15 meters for slower cw ops
AL1G Corliss Anchorage W

=====

7.108 KL0XK Slow code. If 15/40 dead, then 14.029

14.026 AL70K 21.026

029 KL0XK but only if he is getting nothing on 15/40 slow code.

032 KL7GN 032

035 AL1G 035

038 AL7N 038

041 KY7J 041

044 AL7FS 044

047 KL WN 047

050 KL7Z 050

053 KL7R 053

056 KL7CC 056

059 KL7PB 059

061 WL7CDC 061

064 KL7IKV 064

--- KL0XK 21.108 Slow code. If 15/40 dead, then 14.029

There will be prizes and maybe even certificates for all entries (with SASE).

Let's all have fun and work the Great Alaska Ptarmigan.

73, Jim

--

Jim Larsen, AL7FS

Anchorage, Alaska

<http://www.qsl.net/al7fs>

Date: Sat, 15 Nov 2003 07:27:01 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: <henryf@quartz.gly.fsu.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161274] Re: Headlamp
Message-ID: <003d01c3ab73\$c559eee0\$983bca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Who, where, and what is REI???
carl / kz5ca

----- Original Message -----

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 14, 2003 9:15 PM
Subject: Headlamp

> If anyone is interested in a headlamp for spot lighting, REI is closing
> out Black
> Diamond 2002 Moonlight headlamps for \$17.95, This headlamp has four high
> intensity LED's and is powered by 3 AAA cells. Mike Boatright introduced
me to this
> at the NOGA meeting last May. I bought one for myself at the list price
of \$29.95. It
> is worth every penny. I use it for working on projects (I can now put
light exactly
> where I am soldering), cleaning out the pool filters after dark, working
on the car etc.
> It is wonderful. It looks weird but it does an outstanding job. I'm
trying to find an
> excuse to buy a second unit. The REI stock number is 707-051.
>
> Henry

Date: Sat, 15 Nov 2003 08:14:53 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [161275] FOX: Thru Hunt 6
Message-ID: <000c01c3ab7a\$758de860\$b4340843@swfla.rr.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang:

Data through Hunt 6 is posted on our Webpage

<http://www.cqc.org/fox/>

Tom, N1TP
Naples, FL.

Date: Sat, 15 Nov 2003 13:14:33 +0000
From: "Bill Rowlett" <kc4atu@hotmail.com>
To: nr2v@northnet.org, qrp-1@Lehigh.EDU
Subject: [161276] Re: re; NOV QST
Message-ID: <Law15-F92zJcZikaTAb0000b6f8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

You folks have missed the point here. It is saving money by not repaying the vendors for the mags. which did not sell. I was in the retail side of this hobby for a while and each month we would cut the covers off the mags which did not sell and return them for a rebate.

Now, the question is, is the exposure on the newsstand worth the expense of printing mags which will not sell?

73, Bill kc4atu

Frustrated with dial-up? Get high-speed for as low as \$26.95.
<https://broadband.msn.com> (Prices may vary by service area.)

Date: Sat, 15 Nov 2003 08:18:31 -0500
From: "John H. Shannon" <johnshan@alltel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [161277] Freeware distance calculator
Message-ID: <001001c3ab7b\$04966c80\$0a7466a6@alltel.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oooops, I hit the delete key too quickly in MailWasher. Someone posted a link to a freeware distance/bearing calculator that I think said was for an ellipsoidal Earth. That would make it more accurate than the spheroid models. I'd like to add that link to my website if that person would be kind enough to send me the info again.

Thanks

~~~~~  
73 - John, K3WWP - 100% CW & QRP  
using simple wire antennas.

<http://home.alltel.net/johnshan/>

My website is now in its eighth year  
of operation and includes the following:

DX QSL Routes \*\* Operating Tips  
QRP Rigs Info \*\* CW Contest Calendar  
Daily Propagation Info \*\* Your CW Stories  
Teens and CW \*\* Monthly polls  
Categorized Quality Links \*\* MUCH MORE

If you love Morse Code, please join the  
FISTS club - <http://www.fists.org>  
I'm proud to be FISTS # 2002

~~~~~

Date: Sat, 15 Nov 2003 08:29:12 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <ka0gkc@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161278] Re: Searchable QRP-L archives was Re: O'scope info
Message-ID: <002901c3ab7c\$75381550\$090044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRPARCI also has the QRP-L CD's. There is limited searching capability on the CDs, but you can use all your favorite local tools (if you have them).

I don't think we ever actually announced that ARCI had those CDs.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Claton Cadmus" <ka0gkc@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, November 15, 2003 1:19 AM
Subject: Re: Searchable QRP-L archives was Re: O'scope info

> Hooray! Thank you George! Good job!
>
> 73 de Cla KA0GKC
>
> > A few months ago I was
> > looking for some searchable QRP-L archives and since
> > they did not seem to exist I created them from all of the
> > old archived list messages.
> >
> > You can find them here:
> >
> > <http://www.kkn.net/archives/html/QRP-L/>
> Claton Cadmus
> Application Technologies, Inc.
> Phone (952)926-8886
> Fax (952) 926- 8545
> E-mail cla@mcg.net
> <http://www.mcg.net/applitech/>
>

Date: Sat, 15 Nov 2003 09:02:38 -0500
From: "Ken La Rose" <kenlar@csolve.net>
To: <qrp-l@Lehigh.EDU>, "QRP-Canada" <qrp-canada@neale.gpfn.sk.ca>
Cc: "Tom Hamblin" <hamblin@mirusinternational.com>,
 "Tom Curtola" <tcurtola@rogers.com>,
Subject: [161279] Reminder: Sunday Morning SSB/CW QRP Net
Message-ID: <007901c3ab81\$36d363a0\$ea26e2d1@D1YQV721>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We'll try again on this Sunday morning at 1430Z, on 40m around 7.067 MHz.

Eight stations checked in on last week on both SSB and CW. Boost your power out if you're not quite being heard - no problem! Might be a challenge this week with the ARRL Phone Sweeps in progress!

This is a mixed-mode informal net, to have fun and get to know fellow QRPers better. If you tune in and hear us, please break in to say hello and get some signal reports. Stay as long as you like!

72,

de Ken VE3ELA, NCS

Date: Sat, 15 Nov 2003 09:41:46 -0500
From: "AI2Q" <ai2q@adelphia.net>
To: <henryf@quartz.gly.fsu.edu>,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [161280] RE: Headlamp
Message-ID: <002101c3ab86\$99203ce0\$7e01a8c0@hq.cmp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Henry:

REI?

I found an rei.com on-line, but there's no correlation to that p/n. Huh?

Pse explain. Tks!

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Henry Freedenberg
Sent: Friday, November 14, 2003 9:16 PM
To: Low Power Amateur Radio Discussion
Subject: Headlamp

If anyone is interested in a headlamp for spot lighting, REI is closing out Black Diamond 2002 Moonlight headlamps for \$17.95, This headlamp has four high intensity LED's and is powered by 3 AAA cells. Mike Boatright introduced me to this at the NOGA meeting last May. I bought one for myself at the list price of \$29.95. It is worth every penny. I use it for working on projects (I can now put light exactly where I am soldering), cleaning out the pool filters after dark, working on the car etc. It is wonderful. It looks weird but it does an outstanding job. I'm trying to find an excuse to buy a second unit. The REI stock number is 707-051.

Henry

Date: Sat, 15 Nov 2003 07:50:10 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: <w5yr@att.net>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [161281] Re: Extended Double Zepp feed point
Message-ID: <BBDB8B32.F694%JamesDuffey@comcast.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Since it is "double" it is not end fed. The single Zepp is end fed. The double Zepp is double because it is 2 single Zepps back to back. Or so I seem to recall. In general center fed antennas are easier to feed. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Sat, 15 Nov 2003 10:37:13 -0500
From: Lee Mairs <lmairs@direcway.com>
To: ai2q@adelphia.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [161282] Re: Headlamp

Message-ID: <045101c3ab8e\$5b50bef0\$3b6d020a@boomer>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

I found it at www.rei.com. I then did a p/n search and up came the Head Light at the specified price. I ordered it and a traveler's coffee cup.

73 de Lee

KM4YY/8

----- Original Message -----

From: "AI2Q" <ai2q@adelphia.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, November 15, 2003 9:41 AM

Subject: RE: Headlamp

> Henry:

>

> REI?

>

> I found an rei.com on-line, but there's no correlation to that p/n. Huh?

>

> Pse explain. Tks!

>

> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687

> <http://users.adelphia.net/~alexmm/ai2q.htm>

>

> .-.-.

>

> -----Original Message-----

> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> Henry Freedenberg

> Sent: Friday, November 14, 2003 9:16 PM

> To: Low Power Amateur Radio Discussion

> Subject: Headlamp

>

>

> If anyone is interested in a headlamp for spot lighting, REI is closing out

> Black

> Diamond 2002 Moonlight headlamps for \$17.95, This headlamp has four high intensity LED's and is powered by 3 AAA cells. Mike Boatright introduced me

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> at the NOGA meeting last May. I bought one for myself at the list price of

> \$29.95. It

> is worth every penny. I use it for working on projects (I can now put
light
> exactly
> where I am soldering), cleaning out the pool filters after dark, working
on
> the car etc.
> It is wonderful. It looks weird but it does an outstanding job. I'm
> trying to find an
> excuse to buy a second unit. The REI stock number is 707-051.
>
> Henry
>
>

Date: Sat, 15 Nov 2003 08:42:25 -0700
From: "Bob Baxter" <rbaxter@cybertrails.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161283] Re: Headlamp
Message-ID: <011501c3ab8f\$12ce5150\$08542aa2@radiatoroom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

<<http://www.rei.com/online/store/ProductDisplay?storeId=8001&productId=47772140&catalogId=40000008001>>

> I found an rei.com on-line, but there's no correlation to that p/n. Huh?
>
> Pse explain. Tks!

Date: Sat, 15 Nov 2003 15:38:49 -0000
From: "Walt Amos" <waltk8cvamos@aaahawk.com>
To: "Qrp-L Mail" <qrp-l@lehigh.edu>
Subject: [161284] Fw: 160M antenna
Message-ID: <002001c3ab8e\$9335fb00\$ccc83f40@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, inverted L !!

I feed mine with about 10 feet of old rotten RG-8 , NO MATCHING UNIT AT THE BOTTOM OUTSIDE, (I found it was a PAIN to go out in the snow in the DARK and change taps in my bare feet) and use a tuner inside at the rig. The thing is resonant around 1.820 or so and I have made up a card with tuner setting ever 10 kc and it is fairly easy to set and use , even in a contest. Probably doing tons of things WRONG but it works like GANGBUSTERS :-)

Walt K8CV Royal Oak, MI.

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, November 15, 2003 5:58 AM

Subject: 160M antenna

> I have an old 1946 antenna handbook and it recommends using a vertical on
> 160, as Karl suggested. But since few of us can erect a 130 foot tower,
or
> even afford one, a good second best is a 1/4 wave inverted "L".
>
> Make the vertical section as long as practical, as this bottom section is
> where most of radiation comes from. Also, be aware there is a null in the
> direction the top section runs. It needs to be feed with a series L/C
> circuit and have a decent ground system. You can convert to a parallel
> tuned circuit to use it on 80 as a 1/2 wave.
>
> I threw up a make shift inverted L for the 160M contest last fall/winter
> and did reasonably well with 30 watts SSB. It was too bad my null was to
> the SW, as that was a direction which would have netted a few more
> stations. It was a good thing those 160 contest stations have good ears too
:-)
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

Date: Sat, 15 Nov 2003 10:48:14 -0500

From: "Cal Cotner" <cal.jsi@verizon.net>

To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [161285] Re: Headlamp
Message-ID: <000301c3ab8f\$e1a759e0\$fc53fea9@Sharon>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

REI is a firm that sells camping equipment, outdoor/casual clothing and the like. Their URL is <http://www.rei.com> Although I didn't try looking up the part number for the light in question, at the top of their home page they have a line that allows you to enter an item number and presumably to be taken to it.

Cal K4JSI

Date: Sat, 15 Nov 2003 08:39:47 -0800
From: Steve Ratzlaff <steveratz@eoni.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [161286] WM-2 cal info received!
Message-ID: <3FB656D3.E5227A17@eoni.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to everyone who either already sent me the cal info, or who have offered to. This is much appreciated, and I'll be doing that cal today.

Steve AA7U

Date: Sat, 15 Nov 2003 12:02:09 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161287] headlamp
Message-ID: <00c101c3ab9a\$34cbf180\$983bca44@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think I've solved the mystery on this thing that couldn't be found.
At the bottom of the home page is a link to a [www.rei-outlet .com](http://www.rei-outlet.com) .in

that link is the ad for the item concerned.!!

It doesn't show up on the home page under the 707-051 no.at all.
carl / kz5ca P.S. it's now at 17.95, but no stores in fl.

Date: Sat, 15 Nov 2003 10:37:37 -0700
From: "John" <digi2@earthlink.net>
To: <lmairs@direcway.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [161288] Re: swr,watt meter for qrp
Message-ID: <008a01c3ab9f\$2978fad0\$6401a8c0@HP5400>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve commented a while back about the possibility of coming up with digital display for the WM-2. This would be great because now we would have a very accurate QRP digital wattmeter/SWR meter. Maybe if we all gang up on him and twist his arm a bit, he might pursue it further.

John K7SVV

----- Original Message -----

From: "Lee Mairs" <lmairs@direcway.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, November 14, 2003 3:20 PM
Subject: Re: swr,watt meter for qrp

> Steve Weber had a nice digital kit a year or so back. You might find one
> that somebody has spare.

> 73 de Lee

> KM4YY/8

>

> ----- Original Message -----

> From: "David Toepfer" <davetoepfer@yahoo.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Friday, November 14, 2003 1:11 PM
> Subject: Re: swr,watt meter for qrp

>

>

> > --- n3drk <n3drk@triad.rr.com> wrote:

> > > I am looking for a qrp swr, wattmeter for my K2. What are some of the
> most

> > > accurate that you guys are using?
> >
> > These are the best advice I have heard over time:
> >
> > non-kit:
> >
> > Radio Shack HF SWR/Power Meter (
> >
>
<http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&product%5Fid=21-534>)
> >
> > kit:
> >
> > OHR WM-2 (<http://www.ohr.com/wattmeter.htm>)
> >
> > NoGA QRP NoGaWaTT (
> <http://www.nogaqrp.org/projects/NOGAwatt/kitinfo.html>)
> >
> > as yet unavailable:
> >
> > Elecraft has promised one is in the works, so I am watching their
products
> page
> > (http://elecraft.com/elecraft_products_page.htm), but nothing yet
> >
> >
>
>
>

Date: Sat, 15 Nov 2003 12:40:49 -0600
From: "tmyers" <tmyers@academicplanet.com>
To: <lmairs@direcway.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [161289] Re: Headlamp
Message-ID: <002101c3aba7\$ff07df60\$1700a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you are an outdoor person, you should become a member of the co-op.
It is really cheap and a one time charge of about \$15 now. I have been
a member for more than 25 years and have gotten my membership back many

fold. They sell pretty good stuff as a rule, but they don't sell all the top stuff. Just the same it is a good place to shop.

They rent equipment as well and that is a good way to try things that are expensive. They have stores all over now days and that is good and bad. Now I have to pay sales tax as they have opened stores in Texas.

I guess I do have an interest in them as I'm a member, but that is the total involvement. It is just a good place to shop.

UMMV

73

Terry, KQ5U

----- Original Message -----

From: Lee Mairs <lairs@direcway.com>

To: Low Power Amateur Radio Discussion <grp-l@Lehigh.EDU>

Sent: Saturday, November 15, 2003 09:37

Subject: Re: Headlamp

> I found it at www.rei.com. I then did a p/n search and up came the Head

> Light at the specified price. I ordered it and a traveler's coffee cup.

> 73 de Lee

> KM4YY/8

>

> ----- Original Message -----

> From: "AI2Q" <ai2q@adelphia.net>

> To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>

> Sent: Saturday, November 15, 2003 9:41 AM

> Subject: RE: Headlamp

>

>

> > Henry:

> >

> > REI?

> >

> > I found an rei.com on-line, but there's no correlation to that p/n. Huh?

> >

> > Pse explain. Tks!

> >

> > Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687

> > <http://users.adelphia.net/~alexmm/ai2q.htm>

> >
> > .-.-.
> >
> > -----Original Message-----
> > From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On
Behalf Of
> > Henry Freedenberg
> > Sent: Friday, November 14, 2003 9:16 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Headlamp
> >
> >
> > If anyone is interested in a headlamp for spot lighting, REI is
closing
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> > Black
> > Diamond 2002 Moonlight headlamps for \$17.95, This headlamp has four
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> > intensity LED's and is powered by 3 AAA cells. Mike Boatright
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> > the car etc.
> > It is wonderful. It looks weird but it does an outstanding job.
I'm
> > trying to find an
> > excuse to buy a second unit. The REI stock number is 707-051.
> >
> > Henry
> >
> >
>
>

Date: Sat, 15 Nov 2003 10:24:29 -0800
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [161290] Re: PayPal Notification
Message-ID: <BAY9-F15KwnHCyfapat000190a5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

John J. McDonough (wb8rcr@arrl.net) wrote:

>A couple of points about this, and any similar notification....
>First and foremost, you should have your mail client set to not view HTML
>messages...

It's actually simpler than that.

If your bank asked for such information through any other medium, you would know immediately that it was a scam, since banks don't ask for such information. EVER. Except that since it's on a computer, people believe it. This is exactly what the crooks want.

A good analysis of one such scam, courtesy Slashdot:
<<http://www.securityfocus.com/infocus/1745>>

I've received numerous such emails. They're interesting to analyze. Whois and dig are your friends. :-)

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 16.05 N 122 56.92 W - Hospital/Shafte

Protect your PC - get McAfee.com VirusScan Online
<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Sat, 15 Nov 2003 11:39:03 -0800
From: "Jerry Bartachek" <KD0CA@praisescrbe.com>
To: "QRP-L Post Msg" <QRP-L@LEHIGH.EDU>
Subject: [161291] Rest Of The Story: OHR 500 IF Filter
Message-ID: <200311151139.AA152961088@praisescrbe.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Many sincere thanks to all who wrote to me directly. You guys are the best!

Now to report back on what I found out concerning my OHR 500 IF filter: I decided to look at the bandpass visually using my laptop computer and my digital mode program, HamScope . This is a good way to see what you are hearing, even with a CW transceiver.

I found that the displayed "lighted" bandpass on the waterfall, extended from about 400 Hz up to 1400 or 1500 Hz. It was then that I realized the original owner / builder from whom I bought the rig, chose a rather odd placement of the BFO injection frequency. It was on the correct side of the IF bandpass, but was too far above it in frequency. So using the manual to guide me, I retuned the BFO about 400 Hz closer to the filter's passband.

Wow, now anything above about 1100 Hz was severely attenuated, and the CW I was listening to, was much easier to copy, and there was far less QRM able to reach the headphones. I also noted that now I was NOT able to hear any signals on the wrong sideband as I did before (albeit faintly). The manual instructs the builder to tune in a signal to the center of the dial and adjust the trim capacitor C231 to obtain a 600 or 700 Hz note. It appears that doing this by ear can result in a faulty placement of the BFO injection frequency. Using PSK software could help homebrewers "see" what they are doing with the IF, BFO, etc., more clearly. Now, finally, I see why the brilliant designers of Elecraft gear instruct builders to use their software program to align their rigs. Sorry I was so slow on the uptake concerning my perceived problem. I am really happy this turned out like it did. I think I'm gonna give my little OHR rig a big hug.

72,
Jerry KD0CA

Free 20MB Web Site Hosting and Personalized E-mail Service!
Get It Now At Doteasy.com <http://www.doteasy.com/et/>

Date: Sat, 15 Nov 2003 12:37:40 -0800
From: Wayne Burdick <n6kr@elecraft.com>
To: Elecraft <elecraft@mailman.qth.net>
Cc: qrp <qrp-1@lehigh.edu>
Subject: [161292] new Elecraft products page
Message-ID: <3FB68E8F.132B311C@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There's now a single page on our web site that shows all of our products,

including transceivers, accessories, mini-modules, mics, and antennas. Just click on the "Products" link, the first entry in the menu on our home page.

If you find any typos or incorrect links, or have suggestions on how to make our site easier to use, please send a report to webmaster@elecraft.com.

Thanks,

Wayne
N6KR

— —

<http://www.elecrafter.com>

Date: Sat, 15 Nov 2003 15:50:24 -0500
From: "Bob Schreibmaier" <k3ph@ptd.net>
To: <qrp-l@Lehigh.EDU>
Subject: [161293] Re: 160M antenna
Message-ID: <002301c3abba\$26eae1a0\$6400a8c0@k3ph>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Our 160-meter inverted L doesn't have any tuned circuit, although the idea of converting it into a parallel tuned circuit and working on 80 is intriguing. We just feed about 130 feet of wire against about 8 radials of maybe 50 feet in length each. Seems to work hokey dokey. Running smoke, we've worked some DX with it during the CW DX contests.

72/73,

$$\begin{array}{ccccccc} \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} \\ \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} \\ \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} \\ \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} \\ \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} & \diagup & \text{---} \\ \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} & \diagdown & \text{---} \end{array} \quad \cdot \cdot$$

```
+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | http://www.dxis.org  |
+-----+
```

Date: Sat, 15 Nov 2003 12:52:44 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [161294] Re: Great Alaska Ptarmigan Hunt - This Sunday
Message-ID: <20031115205244.GB16107@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

With so many stations packed close together, I hope there is not too much grousing about QRM :^)

Date: Sat, 15 Nov 2003 14:54:43 -0600
From: "rattray" <rattray@accesscomm.ca>
To: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>, "QRP-L" <qrp-l@Lehigh.EDU>
Cc: "Roger Wendell" <rogerwendell@rogerwendell.com>
Subject: [161295] FW: Fox - Fox Hunt Team Results.
Message-ID: <000001c3abba\$b52651c0\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hunt #2 - W5KDJ -

QRP Cheeseheads - 9

Jerry - N9AW *
Rick - NK9G * Clean
Gary - W9XT * Sweep
Lon - W9XU *
Jim - WA9TZE *

Cajun Thunder - 8

Wayne - K5EOA *
Wayne - N5YFC
Vern - AA50 *
Jim - N5IB *
Chris - KD5UDB

The Underdogs - 9

Dan - N4ROA *
Dennis - N4DD *

Team Air Pork - 8

Wayne - K9DI *
Mike - KD5KXF * Clean

Bob - KB2FEL Dave - AG4PJ * Sweep
Dave - W0CH * Randy - W9HL *
Ron - KI0II * Jerry - N0JRN *

Raiders of the Lost RF - 2 The NE-TX Tornados - 8

Rob - VE6JAZ Bill - K5JHP *
Craig - VE4WI Don - K5DW
Fred - VE3FAL Doc - W5TB *
Earl - VA6RF * Lew - N5ZE *
Bruce - VE5RC George -W5YR *

..please e-mail me direct with corrections, changes...tnx....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 15 Nov 2003 15:27:28 -0600
From: Michael Goins <mgoins@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [161296] BNCs located
Message-ID: <508HkoVbC4352S03.1068931648@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

The spirit of building is certainly alive here! =

Appreciate the assistance with the BNCs - looks like I have some coming s=
o
some of the projects can finally get finished. Thanks to all for the help=
=2E

72,
mike
K5WMG

=3D=
=3D=
=3D=

Formerly WB5YJX, QRP-ARCI 3922 (former managing editor, QRP Quarterly),
Houston QRP, AMQRP, SOC 54, Flying Pig 447, QRP-L 2130, Adventure Radio 8=
10,

Alaska QRP 514, Iowa QRPC #163, QCWA 30857, RSGB 19119, ARRL Member
=3D=
=3D=
=3D=

One watt, all the time: Wilderness Sierra - SWL-30+ -RockMite 40 - Kenwoo=
d 140

@ 1 watt mobile SSB and CW =

Date: Sat, 15 Nov 2003 15:30:46 -0600
From: "rattray" <rattray@accesscomm.ca>
To: "QRP-C" <qrp-canada@neale.gpfn.sk.ca>, "QRP-L" <qrp-l@Lehigh.EDU>
Cc: "Roger Wendell" <rogerwendell@rogerwendell.com>
Subject: [161297] FW: Fox - Fox Hunt Team Results.
Message-ID: <000001c3abbf\$beafee90\$7900a8c0@Bonnie>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hunt #3 - AC7A -

QRP Cheeseheads - 14

Jerry - N9AW *
Rick - NK9G * Clean
Gary - W9XT * Sweep
Lon - W9XU *
Jim - WA9TZE *

The Underdogs - 14

Dan - N4ROA *
Dennis - N4DD * Clean
Bob - KB2FEL * Sweep
Dave - W0CH *
Ron - KI0II *

Raiders of the Lost RF - 6

Rob - VE6JAZ *
Craig - VE4WI *
Fred - VE3FAL *
Earl - VA6RF *
Bruce - VE5RC

Cajun Thunder - 11

Wayne - K5EOA *
Wayne - N5YFC
Vern - AA50 *
Jim - N5IB *
Chris - KD5UDB

Team Air Pork - 12

Wayne - K9DI *
Mike - KD5KXF *
Dave - AG4PJ *
Randy - W9HL
Jerry - N0JRN *

The NE-TX Tornados - 13

Bill - K5JHP *
Don - K5DW * Clean
Doc - W5TB * Sweep
Lew - N5ZE *
George - W5YR *

..please e-mail me direct with corrections, changes...tnx....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 15 Nov 2003 16:51:20 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: qrp-l@lehigh.edu, nogaqrp@mailman.qth.net
Subject: [161298] Breadboard Template Available
Message-ID: <6.0.0.22.2.20031115164627.051c0090@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I had a sort of epiphany last night about doing SMT breadboards. Something I have always disdained has been physical layout drawings between the schematic and wiring stages. I'm not talking about chassis/switch/whatever layouts; nor wirewrap boards-just schematic to breadboard physical drawings. But, the notion of just how involved physically you MUST be, when translating the schematic to the physical, kept bothering me-after all: you cannot take the leads on an SMT transistor and change the center pin to be 'pin 1' but you can just rotate the part itself. Then there is the fact that SMT components MUST be 'tied down' in at least one place... whether you tack-solder a lead down, or glue the component... otherwise a bump or a sneeze would be disastrous!

So this morning I sat down and did a 20 x 20 pad-per-hole drawing, converted it to a PDF, and put it on my website, near the top of one of the Homebrew pages. Here's the URL: <<http://www.n4xy.com/hmbw1-2.html>> . I hope you find it useful.

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

"He that gives up a little liberty to gain
temporary security will lose both and
deserve neither".
--Benjamin Franklin

"Suppose you were an idiot ...
and suppose you were a member of
Congress... but I repeat myself."
--Mark Twain

Date: Sat, 15 Nov 2003 17:13:22 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [161299] Headlamps
Message-ID: <3.0.6.32.20031115171322.007a3410@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I noticed Wal-Mart now has a selection of LED headlamps, four all together
that I saw last night. All for 12 bucks and change.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Sat, 15 Nov 2003 17:27:42 -0500
From: "Armin Hachmer" <armin@muskoka.com>
To: <nielsen@oz.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161300] Re: Great Alaska Ptarmigan Hunt - This Sunday
Message-ID: <001801c3abc7\$b06115a0\$7e6c7bd8@muskoka.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

haha, thats funny.
Just open up the choke on your musket and 'letter rip'.

Armin ve3teq

----- Original Message -----

From: "Bob Nielsen" <nielsen@oz.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, November 15, 2003 3:52 PM
Subject: Re: Great Alaska Ptarmigan Hunt - This Sunday

> With so many stations packed close together, I hope there is not too
> much grousing about QRM :^)
>
>
>
>

Date: Sat, 15 Nov 2003 18:00:15 -0500
From: "Ron Polityka" <wb3aal@verizon.net>
To: ".QRP-L" <qrp-1@Lehigh.EDU>
Subject: [161301] 2004 QRP Contest Calendar is now on Sale!
Message-ID: <001e01c3abcc\$3b9674e0\$0200a8c0@WB3AAL>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

The 2004 QRP Contest Calendar for QRP'ers is now on sale!!

This years calendar has a Home Brew Radio theme.

For more information and a current sample pictures please click on
www.n3epa.org .

Thank you,

72

Ron de N3EPA
EPA QRP Club El Presidente'
n3epa@verizon.net
www.n3epa.org

Date: Sat, 15 Nov 2003 18:01:49 -0500
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
"Flying Pigs" <fpqrp-l@fpqrp.com>
Subject: [161302] Way OT : Operation AC
Message-ID: <000c01c3abcc\$74668620\$e4b1590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow QPR'ers,

I know this is way off topic; and I know this might offend the political sensitivities of some, so I am apologizing beforehand. But I also know that there are members of these reflectors who have sons, daughters or other relatives serving in our Armed Forces; so I am continuing with this post, anyway.

I found out about Operation AC by listening to broadcast AM radio. Operation AC was started by the Mayo family who live in Delaware and have a son who is stationed in Iraq. They desperately wanted to send an air conditioning unit to him, in order to help him cope with the intense Iraqi summer heat. They found that Home Depot was willing to lend a hand; and then someone got the idea to start sending air conditioners and other needed supplies to our troops in Iraq.

Now winter is setting in; and as we get ready to celebrate Thanksgiving and the Holidays, it occured to me that it would be nice to send a heater over to some GI. The Operation AC folks are now in the process of taking donations of heater, boots, and other non-essential; but yet welcome amenities for our troops.

If you'd like to make a donation; there's a link from my Webpage - just click on the Operation AC banner at:

<http://www.qsl.net/w2lj>

or you can go directly to:

<http://www.operationac.com>

It's this time of year when we give thanks for what we have. There are a lot of our fellow citizens who are doing their duty in a foreign land, away from their friends and family so we can continue to appreciate the

bounty that Providence has decided to bestow upon us and our country. It just seemed like the right thing to do.

I'd like to state up front that I have no connection to Operation AC or the Home Depot, or with anyone else associated with this venture. I'm just a concerned citizen who wanted to do something.

Thanks for the bandwidth!

73 de Larry W2LJ - Vivat Morse!

W2LJ@arrl.net

<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647 --- AmQRP, CQC #746

Date: Sat, 15 Nov 2003 18:03:48 -0500
From: <bill@n4qa.com>
To: <qrp-1@Lehigh.EDU>
Subject: [161303] DSW-20 now doing RTTY...
Message-ID: <000001c3abcc\$e0e52ea0\$0425ad80@f1n5n8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey, y'all.

Well, actually, it's 5185 KHz shift for a while. SOFTWARE! We need SOFTWARE!
Been doing a little CW and RTTY testing of the DSWMULTI project...hardware-wise that is...today.
Uh, actually, there is some software involved in today's experiments...KD5HIO's HamScope.
It's kinda neat, listening to mark & space frequencies 5185 KHz apart...using separate receivers.
Of course, I mustn't release that 8903 KHz(14088-5185) space freq upon the ether...FCC might not take kindly to such.
So, the DSW-20 is currently piped to the Heathkit Antenna.
Next, I must write the DSWMULTI software version of DSWTUN03 so I can reduce the shift to 170 Hz...possibly other shifts as well.
Pesky software anyway...

Guess this project *could* be adapted to work with other DDS-based rigs, such as the Elecraft KX1, though, I have no idea why anyone would... BTW, I'm using my 'old' DSW-20 for the project after all since I haven't yet built my DSW-II-20. But, it'll work ok too...honest ;)

73.

Bill, N4QA

<http://www.n4qa.com>

Date: Sat, 15 Nov 2003 18:18:13 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: digi2@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [161304] Re: swr,watt meter for qrp
Message-ID: <3.0.6.32.20031115181813.007a36e0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Steve commented a while back about the possibility of coming up with digital
>display for the WM-2. This would be great because now we would have a very
>accurate QRP digital wattmeter/SWR meter. Maybe if we all gang up on him
>and twist his arm a bit, he might pursue it further.

>

You don't have to gang up on me or twist my arm :-)

I've already tried out some software to make the Atmel "Butterfly" demo board do this job. The Butterfly costs \$20.00 from Digi-Key, is fully assembled, comes with a 6 character LCD display and runs on a 3V button cell. (biggest one I've ever seen, hi) Plus it's slightly smaller than a credit card. You can even download the software into the demo board yourself. (with the help of a 20 meg program you need to download from Atmel)

Anyway, all I need is for someone to loan me their WM-2 for a couple of weeks to verify the accuracy and figure out the proper scaling. And you'll have to build a second diode compensation amp if you want it to calculate SWR on the fly.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

End of QRP-L Digest 3105
